

In the Claims:

Please amend the claims as follows:

Claims 1-16 (Cancelled)

17. (New): Light emitting semiconductor body for use in an LED housing,
said semiconductor body being provided with a layer comprising a wavelength-
converting casting composition; and
said casting composition containing a transparent epoxy resin and luminous
substance particles;
said luminous substance particles comprising luminous substance pigments
selected from the group consisting of garnets doped with rear earths; thiogallates doped
with rear earths; aluminates doped with rear earths; and orthosilicates doped with rear
earths; and
said luminous substance pigments having grain sizes $\leq 20 \mu\text{m}$ and a $d_{50} \leq 5 \mu\text{m}$.
18. (New): Semiconductor body according to claim 17, wherein the luminous substance
pigments are substantially spherical particles.
19. (New): Semiconductor body according to claim 17, wherein the luminous substance
pigments are substantially flakelike particles.
20. (New): Semiconductor body according to claim 17, wherein the d_{50} of said luminous
substance pigments is between 1 and 2 micrometers.
21. (New): Semiconductor body according to claim 17, wherein said luminous substance
pigments contain Ce-doped garnet material.
22. (New): Semiconductor body according to claim 17, wherein said luminous substance
pigments contain YAG:Ce material.

23. (New): Semiconductor body according to claim 17, wherein the iron content in the casting composition is ≤ 20 ppm.
24. (New): Semiconductor body according to claim 17, wherein the luminous substance pigments are provided with a silicone coating.
25. (New): Semiconductor body according to claim 17, wherein said luminous substance pigments convert radiation from the ultraviolet, blue or green spectral range into light with a relatively longer wavelength.
26. (New): Semiconductor body according to claim 17, wherein said layer containing light-scattering particles.
27. (New): Semiconductor body according to claim 17, wherein said semiconductor body is adapted to emit radiation in a blue spectral range having a maximum luminescence intensity at a wavelength between 420 nm and 460 nm.
28. (New): Light emitting semiconductor body for use in an LED housing,
said semiconductor body being provided with a layer comprising a wavelength-converting casting composition; and
said casting composition containing a transparent epoxy resin and luminous substance particles;
said luminous substance particles comprising luminous substance pigments from Ce-doped phosphors; and
said luminous substance pigments having grain sizes $\leq 20 \mu\text{m}$ and a $d_{50} \leq 5 \mu\text{m}$.
29. (New): Semiconductor body according to claim 28, wherein the luminous substance pigments are substantially spherical particles.

30. (New): Semiconductor body according to claim 28, wherein the luminous substance pigments are substantially flakelike particles.
31. (New): Semiconductor body according to claim 28, wherein the d50 of said luminous substance pigments is between 1 and 2 micrometers.
32. (New): Semiconductor body according to claim 28, wherein the iron content in the casting composition is ≤ 20 ppm.
33. (New): Semiconductor body according to claim 28, wherein the luminous substance pigments are provided with a silicone coating.
34. (New): Semiconductor body according to claim 28, wherein said luminous substance pigments convert radiation from the ultraviolet, blue or green spectral range into light with a relatively longer wavelength.
35. (New): Semiconductor body according to claim 28, wherein said layer containing light-scattering particles.
36. (New): Semiconductor body according to claim 28, wherein said semiconductor body is adapted to emit radiation in a blue spectral range having a maximum luminescence intensity at a wavelength between 420 nm and 460 nm.